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COUNTY COUNCIL OF BERWICK.



INSTITUTE OF SOCIAL
MEDICINE

10, PARKS ROAD,
OXFORD

ANNUAL REPORT

ON THE

Health and Sanitary Conditions
of the County

BY

THE COUNTY MEDICAL OFFICER,

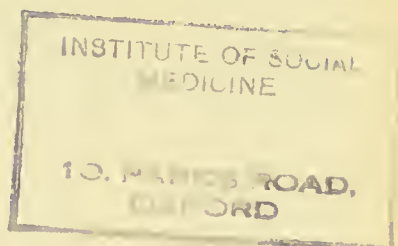
FOR THE YEAR 1946.

DUNS :

Printed by Martin's Printing Works, Ltd.,

48 Market Square.

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To :—

*The County Council of the County of Berwick,
The Town Councils of Duns, Eyemouth, Coldstream and Lauder,
and
The Department of Health for Scotland.*

My Lords, Ladies and Gentlemen,

I have the honour to submit my annual report on the health and sanitary conditions of the County of Berwick for the Year 1946.

I am,

Your obedient Servant,

A. ALLAN.

Public Health Department,
County Offices,
Duns.

27th October, 1947.

LIST OF STAFF.

Medical Officer of Health :—Andrew A. McWhan, M.B., B.Sc., D.P.H.
(resigned Feb., 1946).

Alastair Allan, M.B., Ch.B., D.P.H. (appointed
Feb., 1946).

Assistant Medical Officer of Health :—William C. Young, M.B., Ch.B., D.P.H.
(appointed October, 1946).

Dental Surgeon :—Robert W. Wilson, L.D.S., R.F.P. & S.

Orthopaedic Surgeon :—George A. Pollock, M.B., Ch.B., F.R.C.S., M.S.,
F.A.C.S., D.P.H.

Consulting Ophthalmic Surgeon :—George I. Scott, M.B., Ch.B., F.R.C.S.

Consulting Ear, Nose and Throat Surgeon :—Ian Simson Hall, M.B., Ch.B.,
F.R.C.S., Ed.

Health Visitors :—Jeannie McIntosh (retired June, 1946).

Helen Murdison (appointed June, 1946).

Physiotherapists :—Sheila Kerr (resigned February, 1946).

Mary Bloss (appointed June, 1946).

Irene Johnstone (part-time).

Midwife, West District :—Nurse Dowie.

Engineer :—William Knox.

Assistant Engineer :—Arthur McChune.

Sanitary Inspectors :—James M. M. Ferguson.

Donald B. Marquis.

County Hospital Gordon :—

Visiting Physician :—Lachlan G. Campbell, M.B., Ch.B.

Matron :—Mary Ewing.

Clerical Staff :—Margaret Turner ; Elizabeth Martin ; Isobel White ; Anne
Kennedy (appointed August, 1946).

BIRTHS, MARRIAGES and DEATHS for Year 1946.

BURGH AND LANDWARD AREA.

	Cold- stream Burgh.	Duns Burgh.	Eye- mouth Burgh.	Lauder Burgh.	Land- ward.
Total Live Births Registered (in- cluding Illegitimate) ...	11	132	27	5	181
Total Births Corrected (including Illegitimate)	24	54	43	18	363
Total Births Corrected Male ...	16	22	25	13	181
„ „ „ Female ...	8	32	18	5	182
„ „ „ Illegitimate	1	7	2	5	30
Still-Births Registered (including Illegitimate)	—	—	1	—	2
Still-Births Corrected for Mother's Residence	—	—	1	—	5
Marriages Registered	11	17	10	5	99
Deaths Registered	27	25	24	12	186
Deaths Corrected for Residence	29	28	27	14	238
Deaths Corrected Male ...	12	13	13	8	116
„ „ Female ...	17	15	14	6	122

ENTIRE COUNTY.

	No. Registered in District.	Transfers. Out.	In.	No. Corrected for Both Sexes.	Transfers. Males.	Females.	Rate per 1000 of Est. Pop. (Both Sexes)
Births (including Illegitimate) ..	356	100	246	502	257	245	19.6
Births (Illegitimate)	27	—	18	45	28	17	(2) 9.0
Births	3	1	4	6	4	2	(3) 12
Deaths	142	—	—	—	—	—	5.5
Deaths—All Causes	274	23	85	336	162	174	13.5
Tuberculosis (All Forms)	—	—	—	6	1	5	0.24
„ (Respiratory System)	—	—	—	5	1	4	0.20
Principal Epidemic Dis. (1)	—	—	—	6	3	3	0.24
Children aged under One Year	—	—	—	21	12	9	(4) 42

typhoid fever, paratyphoid fevers, cerebro-spinal fever, scarlet fever, whooping cough, diphtheria, influenza and measles. (2) Per 100 live births. (3) Per 1000 total births (including still-births). (4) Per 1000 live births

* Rate adjusted for Age and Sex Distribution=11.5.

CAUSES OF DEATH.

The following table is a general summary of deaths, corrected for transfers, showing ages at death :—

Causes of Death.	Age Groups.											
	All Ages	-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-
Typhoid fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal fever	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough	1	1	—	—	—	—	—	—	—	—	—	—
Diphtheria	2	—	1	1	—	—	—	—	—	—	—	—
Tuberculosis of respiratory system	5	—	—	—	—	1	2	—	1	1	—	—
Other tuberculous diseases ..	1	—	—	—	—	—	—	1	—	—	—	—
Influenza	3	—	—	—	—	—	1	—	—	—	2	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—
Other infectious or parasitic diseases*	2	—	—	—	—	—	—	1	—	1	—	—
Cancer, malignant tumours	44	—	—	—	—	1	1	1	5	9	13	13
Diabetes mellitus	5	—	—	—	—	—	—	—	2	—	2	1
Other general diseases ..	7	—	—	—	—	—	—	—	—	2	1	3
Meningitis, Diseases of spinal cord	1	—	—	—	—	—	—	—	—	—	1	—
Cerebral hæmorrhage, etc. ..	53	—	—	—	—	—	—	—	5	6	24	13
Other diseases of nervous system	3	—	—	—	1	—	—	—	—	1	—	—
Heart disease	104	—	—	—	—	—	2	2	3	14	33	31
Other circulatory diseases ..	8	—	—	—	—	—	—	—	—	—	4	3
Bronchitis	10	—	—	—	—	—	—	—	—	—	2	5
Pneumonia	12	3	—	1	—	—	1	—	—	3	2	1

*Including typhus fever, smallpox, dysentery, erysipelas, acute poliomyelitis, and lethargic encephalitis.

Causes of Death.	All Ages	Age Groups.											
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85+
Acute respiratory diseases ..	3	—	—	—	—	—	—	—	—	—	2	—	1
Gastric and duodenal ulcer ..	3	—	—	—	—	—	—	—	—	2	—	1	—
Diarrhoea, etc. (all ages) ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis	2	—	—	—	—	—	—	—	1	1	—	—	—
Cirrhosis of liver	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of liver, etc. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Other digestive diseases ..	3	1	—	—	—	—	1	—	—	—	—	1	—
Acute or chronic nephritis ..	9	—	—	—	—	—	—	1	—	—	4	4	—
Other diseases of genito- urinary system	6	—	—	—	—	—	—	—	1	—	1	4	—
Puerperal sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—
Other puerperal causes ..	1	—	—	—	—	1	—	—	—	—	—	—	—
Diseases of skin and organs of movement	1	—	—	—	—	—	—	1	—	—	—	—	—
Congenital debility, prema- ture birth, malformations, etc.	17	16	—	—	—	—	—	1	—	—	—	—	—
Age	6	—	—	—	—	—	—	—	—	—	—	5	1
Accident	1	—	—	—	—	—	—	—	1	—	—	—	—
And transport accidents ..	7	—	1	—	—	2	—	1	—	2	1	—	—
Other violence	9	—	—	—	—	—	—	3	—	2	—	2	2
Causes ill-defined or unknown	7	—	—	—	—	—	—	—	—	4	1	2	—
Total causes	336	21	2	2	1	5	8	12	19	48	93	89	36

ENGINEER'S REPORT.

GENERAL.

With the cessation of hostilities behind us, I was hopeful that 1946 would see a reasonably rapid return to normal peacetime activities. Unfortunately, this was not to be. Shortages of men and materials continued to disrupt our programme. In spite of appeals, cajoling and, occasionally, threats, delays continued to occur, leaving me exasperated and with a feeling of frustration, but with a determination to struggle on. Something has been accomplished, but the struggle has been out of proportion to the reward.

BUILDING BYE-LAWS.

Numerous improvements to houses were approved during the year, but the difficulty in obtaining materials restricted the schemes considerably.

HOUSING.

The Council's housing programme was proceeded with as fast as circumstances permitted. The position at the end of the year was :-

Reston :-

6 Houses (4-3 apt. and 2-4 apt). All approaching completion.

12 Cruden Houses (4 apt.) Lay-out plan forwarded to Department of Health for Scotland for approval.

Greenlaw :-

18 Houses (4 apt.). This scheme was commenced in October and is proceeding slowly.

Earlston :-

20 Houses (16-4 apt., 4-5 apt.). Commenced in September and work proceeding.

Cockburnspath :

14 Houses (4 apt.). Arrangements made to commence construction.

Orton :-

12 Houses - Cruden type (4 apt.). Lay-out plan approved by the Department of Health for Scotland.

Westruther :

6 Houses - Cruden type (4 apt.). Lay-out plan approved by the Department of Health for Scotland.

Coldingham :—

12 Houses—*Cruden type* (4 apt.). Negotiations proceeding for the acquisition of a site.

Hume :—

2 Houses (4 apt.) Lay-out plan approved.

CONTROL OF CIVIL BUILDING (DEFENCE REGULATION 56A).

As stated in my last report, I felt that too much of my time was being spent on this scheme on behalf of the Ministry of Works, with consequent neglect of the care and maintenance of the Council's water and drainage schemes and properties.

The particulars of the Licences issued during the year were :—

	No. of licences.	Value of Work.
(a) Housing Work	488	£72,663 0 0
(b) Non-housing Work	217	£11,284 0 0
Totals	705	£83,947 0 0

HOUSES BUILT BY THE LOCAL AUTHORITY WITH STATE ASSISTANCE.

The total number of houses erected by the County Council under the various Housing Acts and completed and occupied by 31st December, 1946, is as follows :—

Locality	1924 Act.				1930 Act.				1935 Act.				1930-38 Act.			
	3	4	5	Tot.	3	4	5	Tot.	3	4	5	Tot.	3	4	5	Tot.
	apt.	apt.	apt.		apt.	apt.	apt.		apt.	apt.	apt.		apt.	apt.	apt.	
ayton	—	2	—	2	4	4	1	9	—	2	1	3	6	—	—	6
hirnside	20	3	—	23	12	—	—	12	—	—	—	—	—	12	3	15
lockmill	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
ockburnspath	8	—	—	8	—	—	—	—	—	—	—	—	2	2	—	4
oldingham	8	—	—	8	—	—	—	—	—	—	—	—	—	—	—	—
owdrait	—	—	—	—	20	2	—	22	—	—	—	—	—	—	—	—
arlston	4	—	—	4	6	—	—	6	2	—	—	2	4	6	2	12
ordon	4	—	—	4	1	—	—	1	—	2	1	3	—	—	—	—
rantshouse	6	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—
reenlaw	4	—	—	4	5	2	—	7	1	—	—	1	—	—	—	—
ander	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
ngformacus	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	4
exton	4	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—
easton	8	—	—	8	—	—	—	—	—	—	—	—	—	—	—	—
oss	—	—	—	—	3	2	—	5	—	—	—	—	—	—	—	—
. Abbs	6	2	—	8	—	—	—	—	—	—	—	—	—	—	—	—
pper	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Burnmouth	—	2	—	2	13	—	—	13	1	2	—	3	—	—	—	—
Grand Totals	72	13	—	85	64	10	1	75	4	6	2	12	16	20	5	41

					TOTALS.			
					3-aprt.	4-aprt.	5-aprt.	Totals.
Ayton	...	...	...	...	10	8	2	20
Chirnside	...	...	...	...	32	15	3	50
Clockmill	...	...	...	...	—	2	—	2
Cockburnspath	...	...	...	...	10	2	—	12
Coldingham	...	...	...	...	8	—	—	8
Cowdrait	...	...	...	...	20	2	—	22
Earlston	...	...	...	...	16	6	2	24
Gordon	...	...	...	...	5	2	1	8
Grantshouse	...	...	...	...	6	—	—	6
Greenlaw	...	...	...	...	10	2	—	12
Lauder	...	...	...	...	—	2	—	2
Longformacus	...	...	...	...	4	—	—	4
Oxton	...	...	...	...	4	—	—	4
Reston	...	...	...	...	8	—	—	8
Ross	...	...	...	...	3	2	—	5
St. Abbs	...	...	...	...	6	2	—	8
Upper Burnmouth	...	...	...	...	14	4	—	18
					156	49	8	213

Particulars of these houses are given at the end of this Report.

HOUSES BUILT BY PRIVATE ENTERPRISE,

The erection of 12 new houses was approved during the year. One 4-apartment house was completed.

HOUSING (RURAL WORKERS) (SCOTLAND) ACTS, 1926-1938.

Since the adoption of a scheme under this act :—

Certificates were issued authorising grant in respect of 886 houses.

Grants have been paid in respect of 857 houses.

Work has been completed on 857 houses.

Work has been commenced but not finished on 25 houses.

Work has not commenced on 4 houses.

Amount of grant promised £78,824 12s. 3d.

Amount of grant paid £76,034 12s. 3d.

HOUSING (AGRICULTURAL POPULATION) (SCOTLAND) ACT, 1938.

44 applications for assistance have been made.

Certificates issued authorising grant in respect of 39 houses.

Grants have been paid on 17 houses.

The number of houses completed—17.

The number of houses under construction—9.

Amount of grant promised £7,820.

Amount of grant paid £3,040.

HOUSING SCHEME MAINTENANCE.

Maintenance of the County Council houses continues to be difficult, but every effort has been made to make good arrears, particularly in exterior painterwork, due to the late war.

COUNTY HOSPITAL, GORDON.

Necessary repairs were carried out as required.

COUNTY BUILDINGS, DUNS.

Necessary repairs were carried out as required.

COUNTY OFFICES, DUNS.

Necessary repairs were carried out as required.

SOUTHFIELD, DUNS.

Necessary repairs were carried out as required.

SCHOOLS AND SCHOOLHOUSES.

Ordinary maintenance repairs were carried out to the schools and schoolhouses, but as I pointed out in my last report, many require more than ordinary repairs.

The installation of central heating has been approved for Leitholm School and work is approaching completion. Schemes for the central heating of Ayton, Burnmouth, Coldingham, Eccles, Swinton, Reston, Birgham and Ladykirk are being considered.

Owing to the lack of satisfactory water supplies, many of the schools and schoolhouses are lacking modern sanitary conveniences.

WATER SUPPLIES.

The Special Water Districts are :—**East District**—Ayton, Burnmouth, Chirnside, Coekburnspath, Coldingham, Grantshouse, Reston and St. Abbs : **Middle District**—Greenlaw, Langton, Leitholm, Lennel, Longformacus and Swinton ; **West District**—Earlston, Gordon, Oxtan, Redpath and Westruther.

Whilst Leitholm, Lennel and Swinton are Special Water Supply Districts, the proposed schemes for these villages were not proceeded with.

The maintenance of most of the water supplies, particularly in the Autumn, is a continual source of worry. Whilst the water available in most of these supplies is inadequate, it would help considerably to have regular waste water inspections carried out and all defects found remedied.

I anxiously await the proceeding of the proposed Regional Water Supply Schemes, the completion of which will undoubtedly bring tremendous benefits to the community at large.

DRAINAGE.

The Special Drainage Districts are:—**East District**—Ayton, Burnmouth, Chirnside, Cockburnspath and Cove. Coldingham. St. Abbs and Reston; **Middle District**—Greenlaw. Langton, Leitholm. Longformacus and Swinton: **West District**—Earlston. Gordon. Oxton and Westruther.

Ordinary maintenance work was carried out as required.

Reston, Leitholm, and Swinton are without Drainage Schemes. and many of the other Schemes are inadequate.

Under the Rural Water Supplies and Sewerage Act. 1944. Drainage Schemes have been prepared and are under consideration by the Department of Health for Scotland for approval for grant for various villages throughout the County.

BERWICKSHIRE COUNTY COUNCIL.

Particulars of Council Owned Houses.

BUILT UNDER THE 1924 ACT (not subject to Special Conditions).

<i>Situation</i>		No. of Houses.	<i>Size of Houses</i>	<i>Rent.</i>
Chirnside		1	4 apartments	£15 0 0
Clockmill		2	4 apartments	£15 0 0
Lauder		2	4 apartments	£14 0 0
		—		
		5		

BUILT UNDER THE 1924 ACT (Subject to Special Conditions)

<i>Situation</i>		No. of Houses	<i>Size of Houses</i>	<i>Rent</i>
Ayton		2	4 apartments	£13 15 0
Chirnside		2	4 apartments	£13 15 0
Chirnside		20	3 apartments	£10 10 0
Cockburnspath		8	3 apartments	£11 15 0
Coldingham		8	3 apartments	£10 10 0
Earlston		4	3 apartments	£10 10 0
Gordon		4	3 apartments	£10 10 0
Grantshouse		6	3 apartments	£10 10 0
Greenlaw		4	3 apartments	£11 15 0
Oxton		4	3 apartments	£10 10 0
Reston		8	3 apartments	£10 10 0
St. Abbs		4	3 apartments	£10 10 0
St. Abbs		2	3 apartments	£11 15 0
St. Abbs		2	4 apartments	£13 15 0
Upper Burnmouth		2	4 apartments	£13 15 0
		—		
		80		

BUILT UNDER THE 1930 ACT.

Ayton		4	3 apartments	£11 15 0
Ayton		4	4 apartments	£13 15 0
Ayton		1	5 apartments	£16 0 0
Chirnside		12	3 apartments	£10 10 0
Cowdrait		20	3 apartments	£11 15 0
Cowdrait		2	4 apartments	£13 15 0
Earlston		6	3 apartments	£12 0 0
Gordon		1	3 apartments	£11 15 0
Greenlaw		4	3 apartments	£11 15 0
Greenlaw		1	3 apartments	£11 15 0
Greenlaw		2	4 apartments	£13 15 0
Ross		3	3 apartments	£11 15 0
Ross		2	4 apartments	£13 15 0
Upper Burnmouth		12	3 apartments	£10 10 0
Upper Burnmouth		1	3 apartments	£11 15 0

BUILT UNDER THE 1935 ACT.

Ayton ...	...	...	2	4 apartments	£13 15 0
Ayton ...	...	...	1	5 apartments	£16 0 0
Earlston	...	...	2	3 apartments	£12 0 0
Gordon	...	...	2	4 apartments	£13 15 0
Gordon	...	...	1	5 apartments	£16 0 0
Greenlaw	...	...	1	3 apartments	£11 15 0
Upper Burnmouth	...	...	1	3 apartments	£11 15 0
Upper Burnmouth	...	...	2	4 apartments	£13 15 0
			—		
			12		

BUILT UNDER THE 1930-38 ACT.

<i>Situation</i>			<i>No. of Houses</i>	<i>Size of Houses</i>	<i>Rent</i>
Ayton ...	...	...	6	3 apartments	£11 15 0
Chirnside	...	...	12	4 apartments	£13 15 0
Chirnside	...	...	3	5 apartments	£16 0 0
Cockburnspath	...	...	2	3 apartments	£11 15 0
Earlston	...	...	4	3 apartments	£11 15 0
Earlston	...	...	6	4 apartments	£13 15 0
Earlston	...	...	2	5 apartments	£16 0 0
Longformacus	...	...	4	3 apartments	£11 15 0
Cockburnspath	...	...	2	4 apartments	£13 15 0
			—		
			41		
Total ...			213		

WILLIAM KNOX, *Engineer and Housing Officer.*

FOOD SUPPLY.

MILK.

During the year there was a considerable number of new registrations of milk producers, and it is gratifying to note the increasing number of producers who are being granted licences for graded milk under the Milk (Special Designations) (Scotland) Orders.

The Cattle-court Milking Parlour system has taken a firm hold in this County and many of the new designated licences are in respect of milk produced in such premises : the need for adequate bye-laws for their control is urgent.

CERTIFIED LICENCES :—

Renewed :—James Calder, Bogend, Duns.
Messrs. Logan & Forrest, Mersington.

TUBERCULIN TESTED LICENCES.

Renewed :—William D. Wilson, Magdalenhall ;
R. & J. McDonald, Eccles Tofts ;
D. S. Clark, Bellshiel ;
D. S. Clark, South Laws ;
J. MacGregor, Coldstream Mains ;
J. Anderson, The Hardens, Duns ;
Adam Shortreed & Sons, Redpath ;
J. D. Bell, West Mains, Gordon ;
John Roberts, Renton Home Farm.

New Licences :—Messrs. Laidlaw & Shiel, Ninewells Mains ;
Mr. John Findlayson, Wyndhead, Lauder ;
Messrs. R. & G. Young, Fogorig ;
Messrs. Thatcher, Macksmill ;
Messrs. Kinghorn, Kames West Mains ;
Mr. James Mitchell, Jardinefield ;
Mr. Chas. T. Preston, Buskinbraes ;

STANDARD LICENCES.

Renewed :—Hugh Henderson, Earlston ;
George Fergie, Westertown, Westruther ;
Messrs. Kinghorn, Polwarth South Crofts ;
William H. Bryce, Rowanlea, Gordon ;

New Licences :—Mr. G. Morris, Fawside ;
Messrs. A. & J. M. Craig, Acredale, Ayton ;
Mr. Thos. Hendry, West Mains, Reston.

PASTEURISED LICENCES.

Renewed :—Galashiels United Co-operative Society, Ltd.
Galashiels (Supplementary Licence in respect of Earlston Branch).

DAIRY HERDS (Year 1946).

Number of Certified or Tuberculin Tested Herds in County ...	18
Number of Standard Herds in County	7
Number of Non-designated Herds in County	40

In the 18 Certified or Tuberculin Tested Herds 3292 animals were tested during the year, 5 reactors being found.

In the 7 Standard Herds 437 animals were clinically examined during the year, no animal being found with a Tuberculous Udder.

In the 503 non-designated Herds and exempted premises 3,505 animals were clinically examined during the year. Two were found to come within the scope of the Tuberculosis Order and were slaughtered.

One case of Anthrax was confirmed during 1946.

No case of Swine Fever was confirmed during 1946.

MEAT INSPECTION.

The conditions at Duns Slaughterhouse are most unsatisfactory and nothing but a major reconstruction will improve matters there.

The Veterinary Surgeon reports:—

“ Apart from the lack of hanging-room accommodation and adequate staff premises, there is a pressing need for the installation of a wash-basin and sterilising equipment. I would urge that the present state of affairs falls short of the minimum standard of hygienic necessity and calls for early re-dress.

The figures are given below:—

FOOD INSPECTION.

Seizures and/or condemnations.

Tinned Meat	...	...	...	...	49 lbs. 11 ozs.
Tinned Fish	...	...	...	...	44 lbs. 14 ozs.
Tinned Milk	...	...	...	...	28 lbs. 2 ozs.
Tinned Fruit	...	...	...	...	68 lbs. 4 ozs.
Tinned Vegetables	...	...	...	...	49 lbs. 14 ozs.
Tinned Soup	...	...	...	...	13 lbs. 14 ozs.
Tinned Jam	...	...	...	...	57 lbs.
Bacon	...	...	...	...	62 lbs. 8 ozs.
Butter	...	...	...	...	219 lbs.
Pruines	...	...	...	...	25 lbs.
Apples	...	...	...	...	30 lbs.
Fresh Herrings	...	...	...	...	112 lbs.
Home Killed Meat	...	...	...	...	16 lbs.
Tinned Tomatoes	...	...	...	...	2 lbs. 6 ozs.

778 lbs. 9 ozs.

Also 48 dozen Eggs.

MATERNITY AND CHILD WELFARE.

The County Council does not possess any maternity beds in hospital, and the need therefor is acute. Confinements taking place at home can either be by private arrangement with a doctor, or can be arranged through the Maternity Services Scheme of the County Council: in the latter case, the maximum fee charged is 30/-, and this covers all possible contingencies—specialists' fees if necessary, hospital charges, ambulances, hires, etc., if necessary. Confinements, other than at home take place in the Knoll, which is a Maternity Nursing Home run by the Berwickshire Nursing Association, in Galashiels Hospital, in the Edinburgh Maternity Hospitals or private nursing homes.

Child Welfare Visitation. Child Welfare visitation, which was formerly carried out jointly by the Public Health Department's health visitors, and the District Nurses, is now carried out solely by the District Nurses, except in the West of the County, where there is no District Nurse, and there the Health Visitors do all the Health visitation.

The figures are given below :—

REPORT UNDER MIDWIVES' (SCOTLAND) ACT, 1915.

Item.					Total (i.e. <i>all</i> cases occurring in the area).	Domiciliary cases under Maternity Services Scheme.
1.	Births	...	...	...	356	154
2.	Deaths of new-born children (within 14 days of birth)	...	...	...	15	5
3.	Still-births (Dead born)	...	...	...	3	—
4.	Cases of Ophthalmia Neonatorum	...	...	...	—	—
5.	Puerperal Sepsis—					
	Cases	...	...	...	1	—
	Deaths	...	...	...	—	—
6.	Puerperal Pyrexia—					
	Cases	...	...	...	1	1
	Deaths	...	...	...	—	—

NOTIFICATION OF BIRTHS.

The number of births registered (excluding still births) was 356. Of these 27 were illegitimate. 3 still-births were registered during the year.

INFANTILE MORTALITY.

The number of deaths in children under 1 year of age was 21, being 3 more than the previous year. The causes of death were as follows :—

Asphyxia	...	...	...	...	...	1
Atelectasis	...	...	...	...	...	3
Bronchial Pneumonia	...	...	...	...	...	4
Heart Disease	...	...	...	...	...	5
Congenital Malformation of Digestive Tract	...	...	...	...	...	2
Haemorrhage Discharge of New-Born	...	...	...	...	...	1
Birth Injuries	...	...	...	...	...	1
Prematurity	...	...	...	...	...	3
Congenital Debility	...	...	...	...	...	1
						<hr/>
						21

The infant mortality rate, however, was 59 (rate per 1,000 live births) as compared with the figure of 62.28 for 1945.

OPHTHALMIA NEONATORUM.

There were no cases.

MATERNAL MORTALITY.

There were no maternal deaths during the year.

PUERPERAL FEVER AND PUERPERAL PYREXIA.

One case of puerperal fever and one case of puerperal pyrexia were notified, both cases being treated in the City Hospital, Edinburgh.

MATERNITY SERVICES (SCOTLAND) ACT, 1937.

199 applications were received for services under this Act and 135 confinements took place.

HOSPITAL SERVICES.

The number of patients sent to various hospitals under the Maternity and Child Welfare Schemes is as follows :—

County Hospital, Gordon	...	...	...	...	24
Royal Infirmary, Edinburgh	...	...	...	...	1
Royal Maternity Hospital, Edinburgh	...	...	...	...	17
Cottage Hospital, Galashiels	...	...	...	...	46
Sick Children's Hospital, Edinburgh	...	...	...	...	9
Cottage Hospital, Kelso	...	...	...	...	1
					<hr/>

ROYAL HOSPITAL FOR SICK CHILDREN.

During the year 9 children were examined at the Sick Children's Hospital, Edinburgh, for the following conditions :—

Rupture	...	...	...	...	2
Fractures	...	...	...	...	2
Circumcision	...	...	...	...	2
Malnutrition	...	...	...	...	1
Tonsils and Adenoids	...	...	...	...	1
Deafness	...	...	...	...	1

9 children were admitted to the Sick Children's Hospital for the following conditions :

Tonsils and Adenoids	...	...	...	...	7
Harelip	...	...	...	...	1
Cervical Adenitis	...	...	...	...	1

CLINICS.

No Child Welfare Clinics were operated during the year. Pre-school children, however, were seen at the special clinics held by the County Ophthalmic Consultant and Ear, Nose and Throat Consultant. They were also seen at the County Orthopaedic clinics held throughout the year.

HOME VISITING BY HEALTH VISITORS AND DISTRICT NURSES.

The number of domiciliary child welfare visits paid by health visitors and district nurses during the year was as follows :—

		No. Visited.	Total Visits.
(a)	Children under 1 year	752	3879
(b)	Children 1-5 years	883	973

SCHOOL CHILDREN.

MEDICAL INSPECTION, SUPERVISION AND TREATMENT.

SCHOOL MEDICAL SERVICE.

During the year, Dr. William C. Young, was appointed assistant Medical Officer of Health, full-time : the former arrangement was to engage a doctor on a part-time basis to undertake school medical inspection. The new arrangement has been found of undoubted benefit. Many of the schools in the County, particularly the small rural schools are in a shocking condition : many have to use oil lamps for artificial lighting : some have no water closets and some have no water supply at all. Sooner or later the County Council will have to approve a fairly large expenditure of money in improving its schools : there is no doubt that it must be done.

GENERAL STATISTICS.

Population of the area (at mid year 1946), 24,912.

Number of schools in the educational area is as follows : -

(a)	Primary	...	...	...	...	...	43
(b)	Secondary	...	...	...	...	...	2
(c)	i. Special Schools	...	...	...	...	...	Nil.
	ii. Special Classes in ordinary Schools	...	...	...	...	...	Nil.
	Number of children on the school registers	...	...	...	...	...	2974
	Number of children in average attendance	...	...	...	...	...	89.1 per cent.

SANITARY CONDITIONS OF SCHOOLS.

No major building or alteration to schools took place during the year, and only essential repairs were carried out. On the whole, the sanitary conditions of schools was satisfactory in the towns and large villages. In many of the small rural schools there is much that requires improvement.

ORGANISATION AND ADMINISTRATION.

(a) *System and extent of Medical Inspection and Treatment.*

Medical inspection of children was carried out on the same lines as previously, i.e., under the four prescribed categories. Parents were invited to attend systematic inspections and were advised of any defect requiring treatment. Examination of special cases was carried out by the School Medical Officer in children referred by the teacher or general practitioner.

Examinations by specialists were arranged within the County in the case of ophthalmic, ear, nose and throat and orthopaedic conditions.

The range of treatment included treatment of eye diseases and the provision of spectacles: ear, nose and throat conditions; orthopaedic conditions and the provision of orthopaedic apparatus. There were no school clinics and, therefore, cases, which would normally be treated there, were admitted to the County Hospital. These in the main were skin conditions. Immunisation against diphtheria was carried out in schools.

The number of school children referred to various hospitals during the year was as follows:—

EDUCATION.

Royal Infirmary, Edinburgh	...	...	12
County Hospital, Gordon	...	...	15
Peel Emergency Hospital	...	...	21
Larbert Institution	...	...	1
			<hr/>
			49

(b) *System and extent of Dental Inspection and Treatment.*

This service was carried out by a mobile dental unit and no change in system or extent falls to be recorded. The figures for the dental service are given at the end of this section of the Report.

(c) *School Nursing and arrangements for following up.*

School nursing was carried out as part of the duties of two Health Visitors. These nurses accompanied the School Medical Officer in his visits to schools, carried out weighing and measuring, examinations of footgear and clothing and examinations for cleanliness. They also notified parents of defects found and visited homes for the purpose of "following up." They were also in attendance at clinics formed for the purpose of consultant examinations. Following up in the case of orthopaedic cases was part of the County Orthopaedic Scheme and was carried out by the two physiotherapists employed under that Scheme.

(d) *Co-ordination with Public Health Services.*

The co-ordination was complete owing to the fact that the medical and nursing and clerical staffs were common to both services.

(e) *Co-operation with Voluntary Bodies.*

Co-operation exists with the voluntary hospitals, which admit cases recommended by the School Medical Officer.

(f) *Co-operation with Teachers and Parents.*

The co-operation between the School Medical Service and the teachers is of the closest. The examination of children referred by the class teacher forms a very important part of the School Medical Officer's duties.

Co-operation of parents is invited at systematic examinations in school and is accepted chiefly by the mothers of entrants.

THE FINDINGS OF MEDICAL INSPECTION.

(a) *General Review.*

As shown in Table I., the total number of school children examined in the year ending 31st July, 1946, was 1,317. Of these, 918 were seen at systematic inspection and 399 were seen as special cases referred for inspection by teachers or general practitioners.

The number of children seen at systematic examinations, who were notified to parents as requiring treatment, was 310, i.e., 33.7 per cent. of the total examined. Children requiring treatment at the four age groups is as follows :

Entrants	...	...	...	...	35.4 per cent.
Children of 9 years	...	...	...	...	43.5 per cent.
Children of 13 years	...	...	...	...	22.6 per cent.
Children of 17 years	...	...	...	...	28.2 per cent.

CLOTHING and FOOTGEAR.

In only 4 cases was clothing found unsatisfactory. No cases of unsatisfactory footgear were noted.

CLEANLINESS.

No verminous children were seen in the systematic examinations and only 9 cases (or 0.9 per cent.) showed nits.

SKIN.

Diseases of the skin totalled 19 (or 2.0 per cent.).

NUTRITIONAL STATE.

The nutritional state was found slightly defective in 16 children and bad in 2. This gives a percentage of 1.9 per cent. for children

with faulty nutrition, which compares favourably with previous years, as shown below.

1939	...	...	...	...	4.9 per cent.
1940	...	...	...	...	5.9 per cent.
1941	...	...	...	...	6.0 per cent.
1942	...	...	...	...	4.3 per cent.
1943	...	...	...	...	5.0 per cent.
1944	...	...	...	...	7.0 per cent.
1945	...	...	...	...	4.1 per cent.
1946	...	...	...	...	1.9 per cent.

ORAL SEPSIS.

The number of cases of oral sepsis seen in systematic examinations by the School Medical Officer show a marked reduction, the percentage being 22.4 per cent. This compares favourably with previous percentages as shown below.

Per cent.		Per cent.		Per cent.		Per cent.	
1939	... 75.3	1941	... 63.6	1943	... 35.6	1945	... 28.2
1940	... 82.9	1942	... 57.8	1944	... 48.6	1946	... 22.4

DISEASES OF THE NASOPHARYNX.

The number of cases requiring tonsillectomy was 62 (or 6.7 per cent.), a considerable increase over the previous year.

DISEASES OF THE EYE.

The number of external eye conditions noted was small, the most prevalent being strabismus, which was present in 1.4 per cent. of children examined.

DISEASES OF THE EAR.

There were no cases of otorrhoea and only one case of other disease of the ear. The incidence of defective hearing is shown in tabular form below.

Grade.	No. Found Affected.	Per cent. Affected.
I	4	.4 per cent.
IIa	3	.3 per cent.
IIb	1	.1 per cent.
III	1	.1 per cent.

DEFECTIVE SPEECH.

There were 10 cases of defective articulation (1.0 per cent.) and 2 cases of stammering (0.2 per cent.).

MENTAL AND NERVOUS CONDITIONS.

No mental defectives were noted in the systematic examinations. There were 16 cases of dullness (1.7 per cent.) and 1 case of backwardness.

CIRCULATORY SYSTEM.

There were 2 cases of organic heart disease (0.2 per cent.), one being congenital and 12 functional heart conditions (1.3 per cent.).

LUNGS.

No cases of pulmonary tuberculosis were seen.

DEFORMITIES.

These are shown in tabular form below.

	No. Affected.	Per cent. Affected.
Congenital	3	.3 per cent.
Infantile Paralysis ...	4	.4 per cent.
Acquired (Probable Rickets)	6	.6 per cent.
Acquired (other causes) ...	35	3.8 per cent.

INFECTIOUS DISEASE.

There were no cases of infectious disease among those examined systematically.

OTHER DISEASES OR DEFECTS.

Under this heading 9 cases (or .9 per cent.) were recorded.

As shown in Table III., about 50 per cent. of children examined are free from defects. This is a considerable improvement on the figures of the last years as is illustrated below.

Year.	No. of children free from defects.	Per cent. of children free from defects.
1941	131	16.5 per cent.
1942	171	20.8 per cent.
1943	290	33.6 per cent.
1944	201	21.2 per cent.
1945	244	33.7 per cent.
1946	463	50.4 per cent.

The table also shows that the greatest freedom from defects is to be found among the entrants group of children.

The figures of Table IV. call for no special comment.

STATISTICAL TABLES.

Table I.

Total number of children examined at routine inspections in school year 1945-46 :—

(i) Ordinary Schools :—

Entrants	...	...	...	...	...	327	
Children of nine years	...	...	...	...	...	278	
Children of thirteen years	...	...	...	...	...	274	
Children of seventeen years	...	...	...	...	...	39	
Total	...	...	...	...	...	—	918

(ii) Other examinations :—

Special cases	...	...	...	...	...	399	
						—	399
Total examined	...	...	...	...	...	...	1,317

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding cleanliness and dental caries) :—

Entrants	...	...	...	...	...	116	
Children of nine years	...	...	...	...	...	121	
Children of thirteen years	...	...	...	...	...	62	
Children of seventeen years	...	...	...	...	...	11	
						—	310

Table II.

SYSTEMATIC EXAMINATIONS.

CLOTHING UNSATISFACTORY 4

FOOTGEAR UNSATISFACTORY —

CLEANLINESS.

(a) Head—

Dirty	...	...	...	...	...	...	16
Nits	...	...	...	...	...	...	9
Vermin	...	...	...	...	...	...	—

(b) Body—

Dirty	...	...	...	...	...	...	7
Verminous	...	...	...	...	...	...	—

SKIN.

(a) Head—

Ringworm	...	...	...	...	...	...	—
Impetigo	...	...	...	...	...	...	—
Other diseases	...	...	...	...	...	...	1

(b) Body—

Ringworm	...	...	...	...	...	...	—
Impetigo	...	...	...	...	...	...	3
Scabies	...	...	...	...	...	...	2
Other diseases	...	...	...	...	...	...	13

NUTRITIONAL STATE.

Slightly Defective	...	...	...	...	...	...	16
Bad	...	...	...	...	...	...	2

MOUTH AND TEETH UNHEALTHY 206

NASO-PHARYNX.

(a) Nose—

(i) Obstruction requiring observation	...	...	...	...	...	...	23
(ii) Obstruction (probably adenoids) requiring operative treatment	...	...	...	...	...	...	6
(iii) Other conditions	...	...	...	...	...	...	1

(b) Throat—

(i) Tonsils requiring observation	...	...	...	...	...	...	89
(ii) Tonsils requiring operative treatment	...	...	...	...	...	...	62

(c) Glands—

(i) Requiring observation	...	...	...	...	...	...	173
(ii) Requiring operative treatment	...	...	...	...	...	...	5

EYES.

(a) External Diseases—

Blepharitis	...	...	...	...	...	...	8
Conjunctivitis	...	...	...	...	...	...	—
Corneal Opacities	...	...	...	...	...	...	1
Strabismus	...	...	...	...	...	...	13
Other Diseases	...	...	...	...	...	...	—

(b) Visual Acuity—

Fair	...	...	...	...	...	...	56
Bad	...	...	...	...	...	...	7

EARS.

(a) Diseases—

Otorrhoea	...	...	...	...	...	...	—
Other Diseases	...	...	...	...	...	...	1

(b) Defective Hearing—

Grade I.	...	...	...	...	...	...	4
Grade IIa.	...	...	...	...	...	...	3
Grade IIb.	...	...	...	...	...	...	1
Grade III.	...	...	...	...	...	...	1

SPEECH.

Defective Articulation	...	...	...	...	...	10
Stammering	...	...	...	...	...	2

MENTAL AND NERVOUS CONDITION.

(a) Backward	...	...	...	...	...	1
(b) Dull	...	...	...	...	...	16
(c) Mentally Defective (Educable)	...	...	...	...	...	—
(d) Mentally Defective (Ineducable)	...	...	...	...	...	—
(e) Highly nervous or unstable	...	...	...	...	...	—
(f) Difficulty in behaviour	...	...	...	...	...	—

CIRCULATORY SYSTEM.

(a) Organic Heart Disease—						
(i) Congenital	...	...	...	...	...	1
(ii) Acquired	...	...	...	...	...	1
(b) Functional conditions	...	...	...	...	...	12

LUNGS.

Chronic Bronchitis	...	...	...	...	...	1
Suspected Tuberculosis	...	...	...	...	...	—
Other Diseases	...	...	...	...	...	3

DEFORMITIES.

(a) Congenital	...	...	...	...	...	3
(b) Acquired (Infantile Paralysis)	...	...	...	...	...	4
(c) Acquired (probable Rickets)	6
(d) Acquired (other causes)	35

INFECTIOUS DISEASE	—
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OTHER DISEASES OR DEFECTS	9
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SYSTEMATIC MEDICAL EXAMINATIONS.

	Entrants.		Second Age Group.		Third Age Group.		Fourth Age Group.		Total.	
	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children examined at systematic medical examinations	
I. Children free from defects ..	216	66.055%	108	38.849%	114	41.606%	25	64.103%	463	50.436%
CLASSIFICATION.										
II. Children (otherwise free from defects) who suffer from—										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or ..	4	1.223%	4	1.439%	3	1.095%	1	2.654%	12	1.307%
(b) Conditions of the mouth and teeth requiring treatment ..	15	4.587%	46	16.547%	49	17.883%	7	17.949%	117	12.745%
(c) both (a) and (b) ..	—	—	—	—	1	.305%	—	—	1	.109%
Total ..	235	71.865%	158	56.835%	167	60.948%	33	84.615%	593	64.596%
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks ..	65	19.878%	78	28.057%	71	27.007%	1	10.250%	221	24.074%
IV. Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II or III. distinguishing cases:—										
(a) Where complete cure of restoration of function (in the case of eye defect, full correction is considered possible ..	20	6.116%	25	8.903%	22	8.020%	1	2.564%	68	7.407%
(b) Where improvement only is considered possible, e.g., without complete restoration of function ..	7	2.141%	17	6.115%	11	4.015%	1	2.564%	36	3.922%
Total ..	92	28.135%	120	43.165%	107	39.952%	6	15.385%	325	35.403%

Table IV.

RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THE AREA.

Disability.	At Ordinary Schools.	At Special Schools or Classes.	At no School or Institution.	Total.
1.—Blind	—	4	—	4
2.—Partially sighted ...	1	—	—	1
3.—Deaf :—				
Grade 1	4	—	—	4
Grade 11a	3	—	—	3
Grade 11b	1	—	—	1
Grade 111	1	1	—	2
4.—Defective Speech ...	12	—	—	12
5.—Mentally Defective (Children between 5 and 16 years)				
(a) Educable (I.Q. approximately 50-70) ...	5	—	2	7
(b) Ineducable (I.Q. generally less than 50) ...	—	2	1	3
6.—Epilepsy	—	—	—	—
7.—Physically defective (Children between 5 and 16 years) —				
(a) Non Pulmonary Tuberculosis (excluding cervical glands) ...	1	—	—	1
(b) General Orthopaedic conditions	256	—	—	256
(c) Organic heart disease	2	—	—	2
8.—Multiple defects	3	—	—	3

MEDICAL TREATMENT.

(a) *Minor Ailments—Nil.*

There are no school clinics in the County and therefore cases which would normally be treated there, were admitted to the County Hospital.

Scabies	..	....	2
Impetigo		....	3
Other diseases	...	....	6

(b) *Defective Vision.*

84 children were examined by Dr. Flint and Dr. Scott the Council's Ophthalmic Surgeons, and spectacles and drug treatment prescribed as required. Of these, 19 were examined at Berwick-on-Tweed and 2 at Galashiels.

(c) *Nose and Throat (Operative Treatment).*

During the year ending July, 1946, 12 children received operative treatment for tonsils and adenoids in the Edinburgh Royal Infirmary. 122 children were examined by Dr. Ian Simson Hall, the County Aurist.

(d) *Orthopaedic and Postural Defects.*

Cases under this heading are seen by Mr. George Pollock, the County Orthopaedic Consultant.

No. of cases seen by Orthopaedic consultant—580.

No. of cases recommended treatment—346.

No. of cases admitted to hospital for treatment—21.

DENTAL INSPECTION AND TREATMENT.

Every child in the school visited was inspected and given the opportunity of accepting treatment, and, those accepting were rendered dentally fit, before the dentist visited the next school. All the necessary work, including conservative treatment, extractions and minor orthodontic treatment, was immediately carried out.

As regards orthodontic work, this is a specialised branch of dentistry to which more time should be devoted. Unfortunately, owing to the great arrears of work in the County, too little time can be spent on these cases and only those of a minor character have been given the attention they should.

During the past year 729 school children were inspected and 690 or 94.5 per cent. were found to require treatment. 529 or 72.6 per cent. of those children inspected, accepted treatment, and 491 were rendered dentally fit. The remainder will receive their treatment at the commencement of the new school year.

The following table gives an interesting light on the incidence of caries in the different age groups.

Age	Actually Treated.	Fillings.		Extractions.		Other operations scalings, dressings, silvernitrate, etc.
		Permanent.	Temporary.	Permanent.	Temporary.	
4	1	—	—	—	1	1
5	33	—	85	—	44	6
6	61	65	79	—	144	28
7	66	205	16	1	243	61
8	75	266	2	5	255	73
9	54	239	1	4	216	50
10	59	295	—	15	159	60
11	69	363	—	40	125	68
12	35	214	—	32	21	41
13	30	173	—	25	7	27
14	8	66	—	11	—	8
Total	491	1886	183	133	1215	423

Table V.

BERWICKSHIRE SCHOOL DENTAL SERVICE.

Return of Dental Treatment for period from September, 1945,
to July, 1946.

INSPECTED BY DENTIST.

Aged.	Systematic Examination.	Special and Emergency Cases.	Total.
4	5	—	5
5	66	—	66
6	93	—	93
7	97	—	97
8	109	—	109
9	70	—	70
10	82	—	82
11	100	—	100
12	47	—	47
13	48	—	48
14	12	—	12
Total	729	—	729

Found to require treatment—690.

No. accepting treatment—529.

No. actually treated—491. Free, 491. Paid —.

No. of attendances made by children for treatment—1,263.

Fillings inserted—Permanent teeth, 1,886. Temporary Teeth,
183. Total, 2,069.

Extractions—Permanent teeth, 133, Temporary teeth. 1,215.
total 1,348.

No. of administrations of a general anaesthetic for extractions—
Nil.

Other operations—Scalings. 411 : Permanent teeth. 12 :
Temporary teeth, — .

Half days devoted to inspections, 16 : Half days devoted to
treatment, 341.

No. of children treated under private arrangements, 1.

SPECIAL SCHOOLS AND CLASSES.

There are no special schools or classes in the County. During
the year ending 31st July, 1946, four children were receiving
education in the school attached to the Royal Blind Asylum.
Edinburgh, one in St. Charles, Institution, Lanarkshire. one in
Waverley Park Home, Kirkintilloch and two in Larbert Institution.

FEEDING OF CHILDREN.

During the year 1946, milk was supplied to 10 schools, viz. :—

Duns.	Paxton.
Eyemouth.	Renton.
Fogo.	Coldstream.
Langton.	Earlston.
Mertoun.	Lauder.

and the number of mid day meals was 199,006.

ORTHOPAEDIC REPORT.

The Orthopaedic scheme for children is a most valuable branch of the Department's activities ; it is, however, very dependent on the co-operation of the parents and this is not always achieved, mainly from indifference on the part of some parents.

There are at present, no arrangements for the orthopaedic treatment of adults, and the County Council has no power to provide such treatment. A voluntary body could do so, and it is my intention to have such a body set up as soon as possible.

There is no doubt that there is a great need for an Adult Scheme.

The figures for the scheme are given below :—

No. on Roll :—Males, 183 ; Females, 163. Total, 346.

Visits to Patients :—Males, 2,927 ; Females, 2,436. Total, 5,363.

No. of clinics held	...	...	...	...	37
No. of attendances at Clinics	...	...	...	...	580
No. of x-ray films taken	...	...	...	...	64

CONDITIONS CLASSIFIED.

Condition.	No.
Pes Planus	17
Hallux Valgus	5
Bow legs	3
Rheumatoid Arthritis	2
Old fracture of humerus	2
Old fracture of tibia	1
Bilateral stiffness of hips	1
Metatarsus Adductus	4
Spina Bifida	3
Injury to fingers	2
Arthrogryphosis Multiplex Congenita	1
Cervical Spine	2
Scoliosis	6
Knock Knees	1
Pain in Knees	3
Injury to shoulder	1
Injury to foot	2
Epiphysitis	3
Talipes Equino Varus	1
Pes Cavus	1
T.B. Hip	1
Coxa Vara	1
Spastic Paralysis	1

HOSPITAL TREATMENT.

No. admitted to Peel :—Males, 9 ; Females, 11. Total, 20.

No. admitted to Fairmilehead :—Males, 0 ; Females, 1. Total, 1.

CONDITIONS REQUIRING HOSPITAL TREATMENT.

Conditions.	No.
Pes Cavus	2
Congenital Dislocation of Hip	2
Erb's Paralysis	2
Talipes Varus	1
Talipes Equino Varus	8
Bow legs	1
Spastic flat foot	1
Old fracture left humerus	1
Spastic Paralysis	1
Rheumatoid Arthritis and Anterior Poliomyelitis	1
Osteogenesis imperfecta	1

INFECTIOUS DISEASES.

One of the most important aspects of the work of a Public Health Department is concerned with the control of infectious disease: in this County no great difficulty has been experienced in securing hospital accommodation for infectious cases when necessary, although the County Hospital of Gordon is functioning with a staff very much below the number usually considered the minimum. The three Border Counties of Roxburgh, Selkirk and Berwick have a mutual scheme for the pooling of beds in their respective infectious diseases hospitals, and this has been found a great benefit. Cases are also admitted to Marshall Meadows Infectious Diseases Hospital, Berwick-on-Tweed, and to the City Hospital, Edinburgh, when necessary.

The figures for Infectious Disease are given below :—

					Cases Notified.	Cases removed to Hospital.
Cerebro-spinal fever	...	...	...	...	5	5
Diphtheria	...	...	...	...	22	22
Chickenpox	...	...	...	...	1	1
Dysentery	...	...	...	...	1	0
Encephalitis Lethargica	...	...	...	...	1	0
Measles	...	...	...	...	4	4
Pneumonia, Acute Influenzal	...	...	...	...	5	2
Pneumonia, Acute Primary	...	...	...	...	14	10
Acute Poliomyelitis	...	...	...	...	1	1
Erysipelas	...	...	...	...	3	2
Puerperal Pyrexia	...	...	...	...	1	1
Puerperal Fever	...	...	...	...	1	1
Scarlet Fever or Scarlatina	...	...	...	...	21	18
Tuberculosis, pulmonary	...	...	...	...	18	11
Tuberculosis, non-pulmonary	...	...	...	...	16	5
Malaria	...	...	...	...	2	0
					<hr/>	<hr/>
Totals	...	...	...	...	116	83

The cases treated in the Council's Hospital during the year were as follows :—

				In hospital at midnight on 31st Dec., 1945.	Admitted during year 1945.	Cases treated during 1946.	Bed- patient days.
Typhoid Fever (including							
Paratyphoid)				—	—	—	—
Smallpox	...	...	...	—	—	—	—
Measles	...	...	...	—	3	3	30
Scarlet Fever	...	...	...	2	18	20	639
Whooping Cough	...	...	...	—	2	2	133
Diphtheria	...	...	...	1	19	20	885
Vincent's Angina	...	...	...	—	—	—	—
Tonsilitis	...	...	...	—	—	—	—
Pneumonia	...	...	...	1	11	12	189
Chickenpox	...	...	...	—	—	—	—
Malaria	...	...	...	—	—	—	—
Erysipelas	...	...	...	—	2	2	62
Mumps	...	...	...	—	—	—	—
Pleurisy	...	...	...	1	2	3	33
Other Epidemic Disease	...	...	...	—	—	—	—
Tuberculosis of Respiratory System				4	19	23	1,928
Tuberculosis of Respiratory System (suspected)				—	5	5	83
Other tuberculous disease				—	2	2	206
Other tuberculous disease (sus- pected)				—	—	—	—
Bronchiectasis				—	—	—	—
Other infectious and parasitic disease				—	—	—	—
Including Impetigo				2	5	7	152
Scabies				1	7	8	180
Other than infectious or parasitic disease				—	—	—	—
Enuresis				—	—	—	—
Phlebitis				—	—	—	—
Diabetic Cataract				—	—	—	—
Asthma				—	—	—	—
Cardiac				—	3	3	162
Bronchitis				—	—	—	—
Heart or other Circulatory Disease				—	—	—	—
Concussion				—	—	—	—
Conjunctivitis				—	—	—	—
Shock				1	—	1	79
Rheumatoid Arthritis				—	—	—	—

			In hospital at midnight on 31st Dec., 1945.	Admitted during year 1945.	Cases treated during 1946.	Bed- patient days.
Fractured Femur ...	...	...	1	1	1	183
Pregnancy ...	...	...	1	8	9	146
After confinement	...	...	—	5	5	36
Baby (mother in hospital)	...	...	1	7	8	70
Other Conditions ...	...	...	3	30	33	1,167
			19	149	167	6,363

TUBERCULOSIS.

Little change is noted from previous years. Berwickshire shares the problem common to all local authorities of finding hospital and sanatorium accommodation for tuberculosis cases. The beds available at the County Hospital have been invaluable.

The figures are given below :—

NOTIFICATIONS.

PULMONARY CASES NOTIFIED :—

		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
		Under	under	under	under	under	under	up-	
		5	10	15	25	35	45	65	wards. Total.
Males	...	—	—	—	5	1	2	1	1 10
Females	...	—	—	—	3	2	—	2	1 8
Total	...	—	—	—	8	3	2	3	2 18

NON-PULMONARY CASES NOTIFIED :—

		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
		Under	under	under	under	under	under	up-	
		5	10	15	25	35	45	65	wards. Total.
Males	...	1	6	2	1	1	—	—	11
Females	...	—	—	1	—	1	2	1	5
Total	...	1	6	3	1	2	2	1	16

TUBERCULOSIS REGISTER.

PULMONARY CASES :—

		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
	Under	under	under	under	under	under	under	up-	Total
	5	10	15	25	35	45	65	wards.	
<i>Sputum not present.</i>									
Males ...	—	—	—	1	—	1	1	—	3
Females ...	—	—	—	1	—	—	—	—	1
<i>Sputum present but not examined.</i>									
Males ...	—	—	—	—	—	—	—	—	—
Females ...	—	—	—	—	—	—	—	—	—
<i>Sputum examined and tubercle bacilli found.</i>									
Males ...	—	—	—	2	6	1	3	1	13
Females ...	—	—	—	4	2	1	1	1	9
<i>Sputum examined and tubercle bacilli never found.</i>									
Males ...	—	—	—	1	7	7	1	1	17
Females ...	—	—	—	2	6	3	5	1	17
Total ...	—	—	—	11	21	13	11	4	60

At the end of the year there were 60 persons resident in the County known to be suffering from pulmonary tuberculosis. Of these 23 were males and 27 were females. Sputum was positive in 36.5 per cent. of cases. There were 4 deaths from pulmonary tuberculosis during the year giving a death rate of 66.66 per 1,000. This compares favourably with the death rate of 116.27 per 1,000 shown in 1945.

NON-PULMONARY CASES :—

		Age Group.							
		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
		Under	under	under	under	under	under	up-	Total.
		5	10	15	25	35	45	65	
<i>Abdominal.</i>									
Males	...	—	—	—	—	—	—	—	—
Females	...	—	—	—	1	2	—	2	5
<i>Spine.</i>									
Males	...	—	—	—	4	2	1	—	7
Females	...	—	—	—	2	1	—	1	4
<i>Bones and Joints (exclusive of Spine).</i>									
Males	...	—	—	—	1	—	—	—	1
Females	...	—	—	1	1	—	1	—	4
<i>Superficial Glands.</i>									
Males	...	1	4	3	1	—	—	1	10
Females	...	2	4	2	4	1	—	2	15
<i>Lupus.</i>									
Males	...	—	—	—	—	—	—	—	—
Females	...	—	—	—	—	—	—	1	1
<i>Other parts or organs.</i>									
Males	...	—	—	—	—	—	—	1	1
Females	...	—	—	—	—	1	—	—	1
Total	...	3	8	6	14	7	2	8	2
									50

At the end of the year there were 50 persons resident in the County known to be suffering from non-pulmonary tuberculosis. Of these 19 were males and 31 were females. The number of deaths from non-pulmonary tuberculosis during the year was 1, giving a death rate of 20.00 per 1,000. This shows little change from the death rate of 29.41 per 1,000 shown in 1945.

ALL TUBERCULOSIS.

The total number of cases notified during the year in which a diagnosis of tuberculosis was confirmed was 33. In 1945 the number notified and subsequently confirmed was 36. There were 5 deaths in the year giving a rate of 45.45 per 1,000 for 1946, which shows a fall on the rate of 77.92 per 1,000 for the year 1945.

HOSPITAL.

The number of cases of tuberculosis, which received institutional treatment during the year is as follows :—

		Number of Patients.				
	In institutions on Jan. 1st.	Admitted during the year.	Discharged during the year.	Died in the institutions.	In institutions on Dec. 31st.	

PULMONARY.

*Adults :—

				(a)	(b)	
Males ...	5	6	1	1	—	9
Females ...	7	9	10	1	—	5

Children :—

Males ...	—	—	—	—	—	—
Females ...	—	—	—	—	—	—

NON-PULMONARY.

*Adults :—

Males ...	1	2	—	—	—	3
Females ...	1	2	—	—	—	3

Children :—

Males ...	—	—	—	—	—	—
Females ...	2	—	1	—	—	1

Total ...	16	19	12	2	—	21
-----------	----	----	----	---	---	----

* All patients of 15 years and upwards are classed as adults.

Column (a) shows those who were in final residence 28 days or over.

Column (b) shows those who were in final residence under 28 days.

X-RAY.

35 cases of pulmonary tuberculosis were x-rayed during 1946, and of these 9 were re x-rayed. 11 cases of non-pulmonary tuberculosis were x-rayed during the year.

DOMICILIARY TREATMENT.

Domiciliary treatment is carried out under the supervision of the patient's own doctor. Periodic visits are made to the home by the Medical Officer or his assistant and by the Health Visitors.

HEALTH VISITATION.

Health Visitors paid 183 domiciliary visits to tuberculous patients during the year.

TUBERCULOSIS MAINTAINANCE ALLOWANCE SCHEME.

No. who applied :—5.

No. granted :—4.

Total annual amount paid :—£237 15s. 4d.

Average per patient receiving :—£3 12s. 0d. per patient per week.

ADDITIONAL MILK, ETC.

No. of patients supplied with additional milk—8.

GENERAL COMMENTS.

Figures show a slight reduction in the number of cases notified in 1946 as compared with the year 1945 and also a slight fall in the death rate.

Cases in need of surgical treatment and collapse therapy were admitted to East Fortune Sanatorium, Bangour. 6 cases were admitted during the year, four pulmonary, one spinal and one cervical adenitis. Other admissions were to the County Hospital, Gordon, which is suitable for treatment of the more chronic forms of pulmonary disease and for those awaiting admission to East Fortune Sanatorium. 16 cases were admitted to the County Hospital during the year. There are no x-ray facilities as yet in Berwickshire and patients require to journey to Edinburgh for x-ray examination.

SICK POOR.

During the year 1946 the following numbers of Sick Poor received medical treatment:—

	Males.	Females.	Children.	Total.
(a) Persons who received out-door medical relief in the Council's area	30	88	13	131
(b) Persons who received medical treatment under the Poor Law in (1) The Council's institutions, including combination institutions, in which the Council has a share ...	21	16	2	39
(2) other, including voluntary, institutions	—	—	—	—
Totals	51	104	15	170

AMBULANCE SERVICES.

Turns out	690
Mileage	50,817
Patients carried	1,095

	Miles.	Patients.
Infectious Disease cases accounted for ...	4,627	106
Tuberculous cases	7,335	174
Other Diseases	3,297	90
Service Cases	—	—
Education cases	3,360	139
Child Welfare cases	5,109	107
Orthopaedic cases	5,870	240
Public Assistance cases	2,184	46
Blind cases	24	1
Private cases	16,634	192
Other runs	2,377	—
	50,817	1,095

BLIND PERSONS ACT, 1938.

The number of persons on the Blind Roll at the 31st December, 1946, was 21. Three new cases were added during the year, and 4 were taken off the roll.

During the year 216 visits were paid by Miss Campbell, visitor of the Society for Teaching the Blind in their own homes.

Lessons in Braille reading and writing, 24.